

Application Ser. No.:10/512,010

Title: A DEVICE FOR CLEANING THE TEATS OF AN ANIMAL AND A MILKING STALL INCLUDING THE DEVICE

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A milking stall including a number of milking stations, each being adapted to receive an animal to be milked, said animal having teats, said milking stall comprising:
 - a milking machine having a number of teatcups to be attached to the teats of the animal to be milked; and
 - a device separate from and fluidically remote from said milking machine for cleaning the teats of an animal, including at least one first conduit member and at least one teat-cleaning member, which is connectable via the first conduit member to a central arrangement for supplying cleaning liquid and discharging waste liquid, wherein:
 - the teat-cleaning member includes at least two teat-cleaning cups, each of said teat-cleaning cups being adapted to be applied to a respective one of the teats of the animal, a conduit assembly and two second conduit members extending between a respective one of the teat-cleaning cups and the conduit assembly, and wherein each teat-cleaning cup is fluidically connected to the central arrangement via the respective second conduit members and the first conduit member for supplying of cleaning liquid and providing for discharging of waste liquid,
 - wherein each conduit member includes a supply conduit for the supply of the cleaning liquid to teat-cleaning cup, and a discharge conduit for the discharge of waste liquid from teat-cleaning cup, [[and]]

wherein the supply conduit of each second conduit member is fluidically connected to the supply conduit of the first conduit member, and that the discharge conduit of each second conduit member is fluidically connected to the discharge conduit of the first conduit member, and
wherein said conduit assembly includes a connection member which connects each second conduit member to the first conduit member.

2. (Previously presented) A milking stall according to claim 1, wherein the central arrangement is arranged to discharge the waste liquid by applying a pressure significantly lower than the atmospheric pressure to the teat-cleaning cups via the conduit members.
3. (Cancelled)
4. (Previously presented) A milking stall according to claim 2, wherein the central arrangement is arranged to perform the supplying of cleaning liquid and the discharging of waste liquid simultaneously.
5. (Cancelled)
6. (Cancelled)
7. (Previously presented) A milking stall according to claim 1, wherein the conduit assembly includes a connection member arranged to hold the conduit members together.
8. (Previously presented) A milking stall according to claim 5, wherein the teat-cleaning member includes a casing enclosing the connection member and having a first opening for the passage of the first conduit member and at least two second openings for the passage of a respective one of the second conduit members.
9. (Previously presented) A milking stall according to claim 1, wherein each second conduit member is relatively rigid permitting the second conduit member and the associated teat-cleaning cup to extend in an upward direction.

10. (Previously presented) A milking stall according to claim 1, wherein the teat-cleaning member includes a grip member permitting holding of the teat-cleaning member.
11. (Previously presented) A milking stall according to claim 8, wherein the teat-cleaning member includes a grip member permitting holding of the teat-cleaning member and wherein the grip member is provided on the casing.
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Cancelled)
23. (Previously presented) A milking stall according to claim 1, wherein each teat-cleaning cup includes a lower end, an upper end and an inner space, the upper end defining an opening for the introduction of the teat to be cleaned into the inner space.
24. (Previously presented) A milking stall according to claim 23, wherein each teat-cleaning cup includes a flexible lip extending around the opening and inwardly towards a center of the opening in order to abut tightly the teat introduced into the inner space of the teat-cleaning cup.
25. (Previously presented) A milking stall according to claim 24, wherein the lip slopes downwards towards the center of the opening.

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26. (Previously presented) A milking member according to claim 1, wherein the teat-cleaning device includes a retracting member arranged for retracting the teat-cleaning member from the teats of the animal after the cleaning operation is finished.
27. (Cancelled).
28. (Cancelled)
29. (Previously presented) A milking stall according to claim 1, wherein the milking stall includes a number of milking boxes, and wherein the milking boxes are arranged such that the milking stall is configured as one of a herringbone milking parlour, a tandem milking parlour, a parallel milking parlour and a rotary milking parlour.
30. (Previously presented) A milking stall according to claim 29, wherein the milking stall includes an apparatus for automatic attachment of the teatcups to the teats of the animal.

31. (Currently amended) A device for cleaning the teats of an animal, said device including at least one first conduit member and at least one teat-cleaning member, which is connectable via the first conduit member to a central arrangement for supplying cleaning liquid and discharging waste liquid,
- wherein the teat-cleaning member includes at least two teat-cleaning cups, each of said teat-cleaning cups being adapted to be applied to a respective one of the teats of the animal, a conduit assembly and two second conduit members extending between a respective one of the teat-cleaning cups and the conduit assembly, and wherein each teat-cleaning cup is fluidically connected to the central arrangement via the respective second conduit member and the first conduit member for supplying of cleaning liquid and providing for discharging of waste liquid;
- wherein each conduit member includes a supply conduit for the supply of the cleaning liquid to teat-cleaning cup, and a discharge conduit for the discharge of waste liquid from teat-cleaning cup; [[and]]
- wherein the supply conduit of each second conduit member is fluidically connected to the supply conduit of the first conduit member, and that the discharge conduit of each second conduit member is fluidically connected to the discharge conduit of the first conduit member, and
- wherein said conduit assembly includes a connection member which connects each second conduit member to the first conduit member.

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32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)